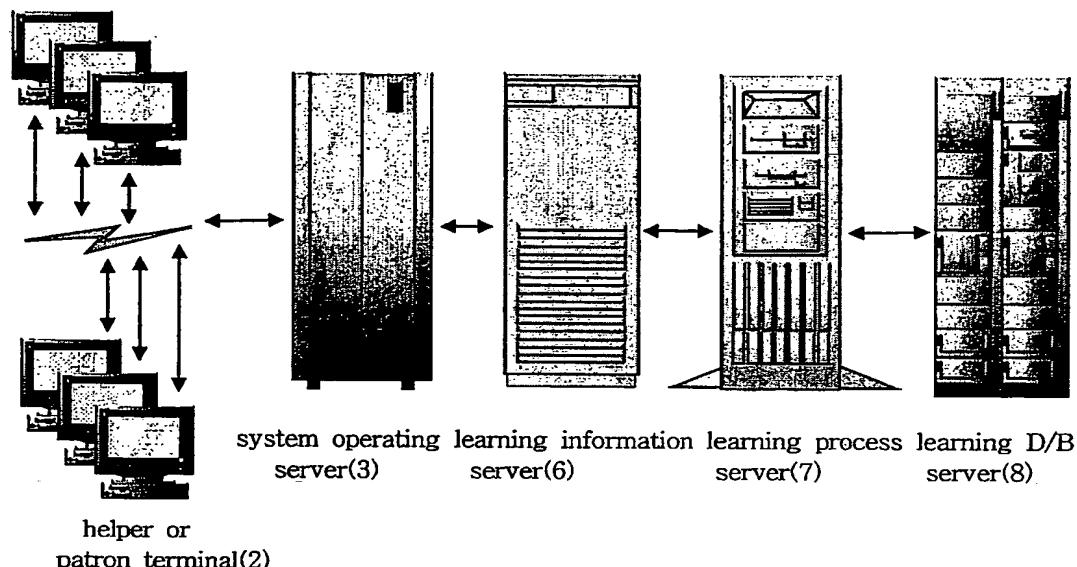
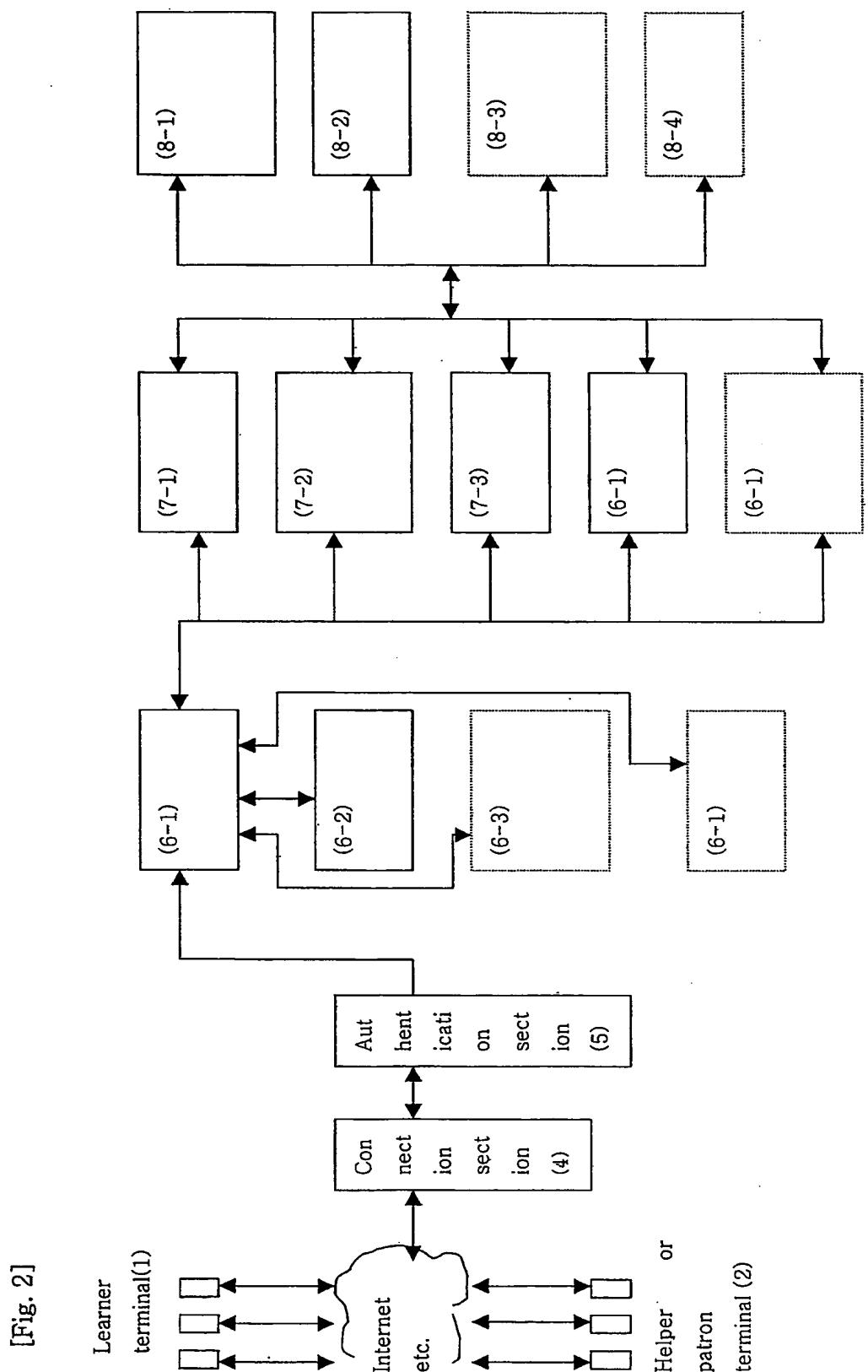


【figures】

【Fig. 1】

learner terminal(1)





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【Fig. 4-a】

5001	5002			5003	5004	5005	5006	5007
	5002-a	5002-b					
conceptual content file								

【Fig. 4-b】

5001	5002			5003	5004	5005	5006	5007-a				
	5002-a	5002-b					5007-b				
conceptual content file												
learning dictionary file												

【Fig. 5】

5001	5002			5003	5010	5005	5006	5011
	5002-a	5002-b					5007-b
problem file								

【Fig. 6-a】

5001	5002			5003	5010	5005	5011
	5002-a	5002-b				
problem explanation file							

【Fig. 6-b】

5001	5002			5003	5010	5005	5007-a				
	5002-a	5002-b				5012-a	5007-c			
problem explanation file											
learning dictionary file											

【Fig. 7】

5001	5002			5003	5009-c	5009-a
	5002-a	5002-b			
learning dictionary file						

【Fig. 8】

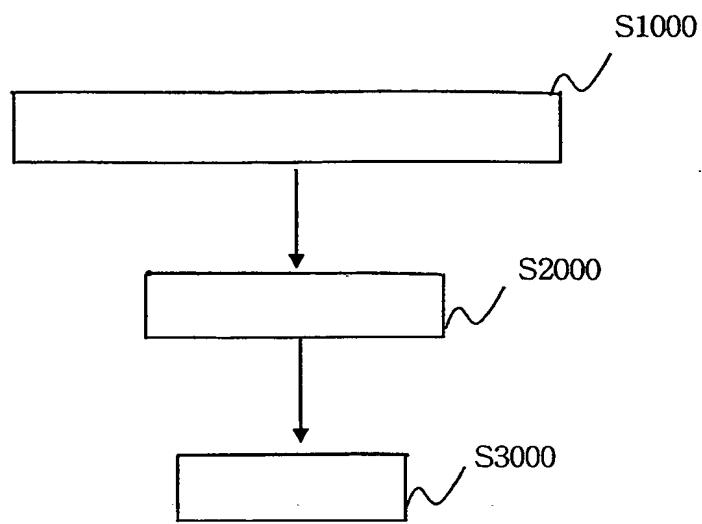
user ID		user password	members-hip No.	personal information of a learner					
				social No.	grade	learning ability about each subject		
conceptual contents	connection date	5001	5002			5003	5004	5005	state of progress
			5002-a	5002-b				

problem-s	connection date	5001	5002			5003	5010	5005	state of progress
			5002-a	5002-b				

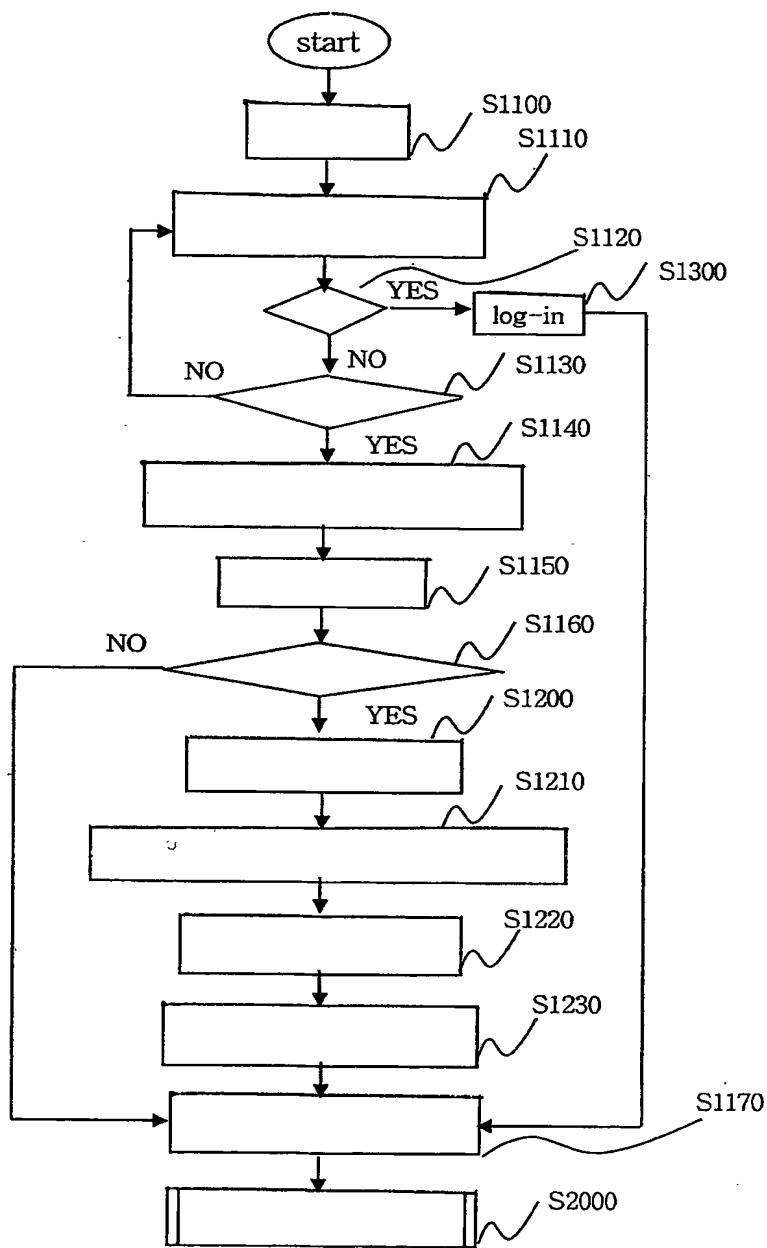
problem explanations	connection date	5001	5002			5003	5010		state of progress
			5002-a	5002-b				

notes	connection date	5001	5002			the area of storage in the note contents			
			5002-a	5002-b				

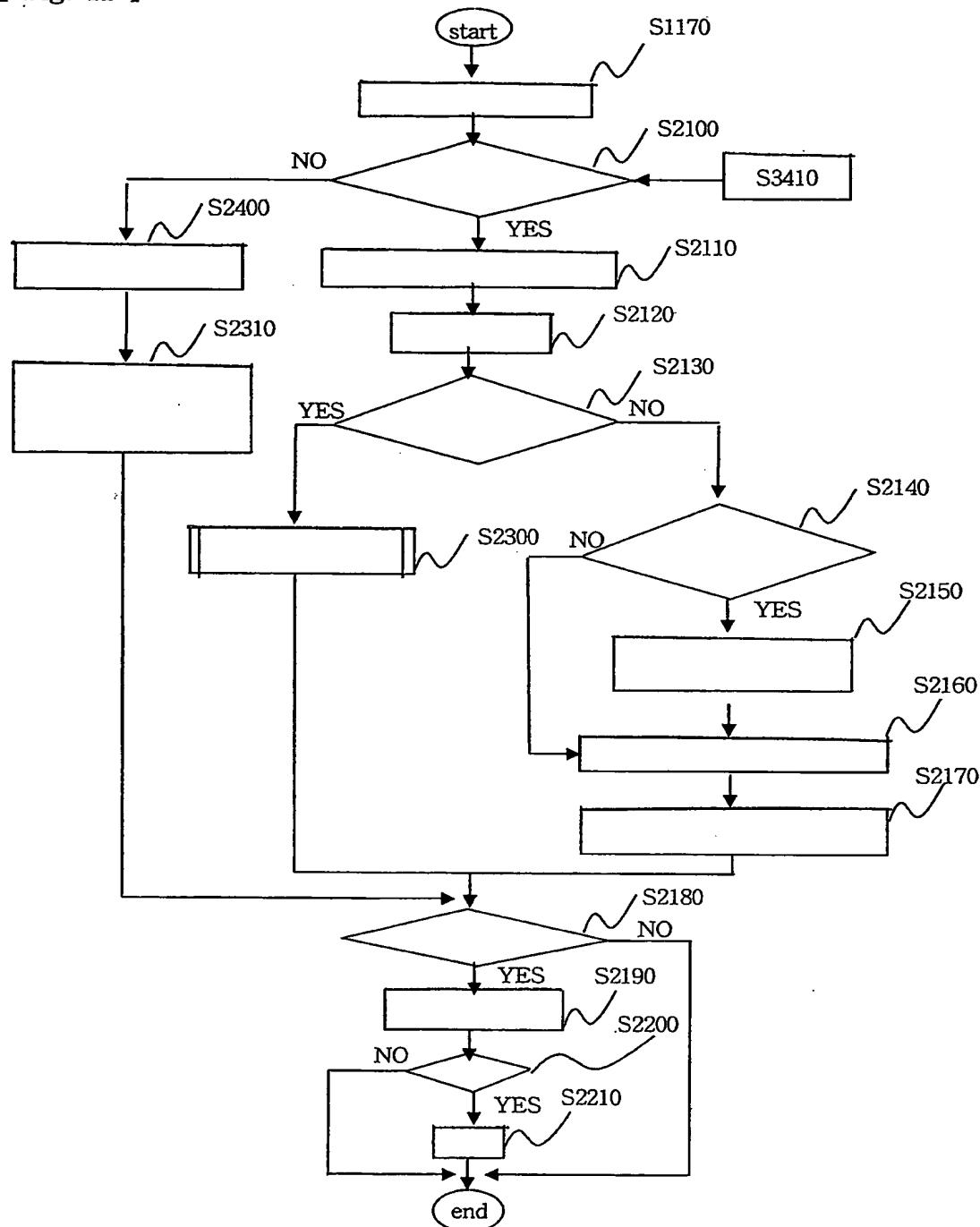
【 Fig. 9 】



【 Fig. 10 】



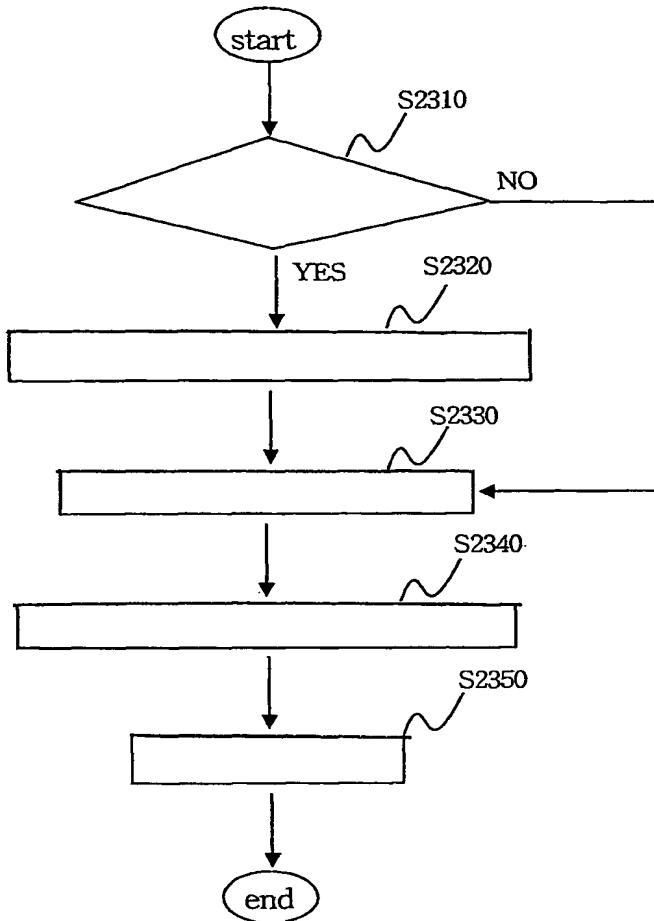
【 Fig. 11 】



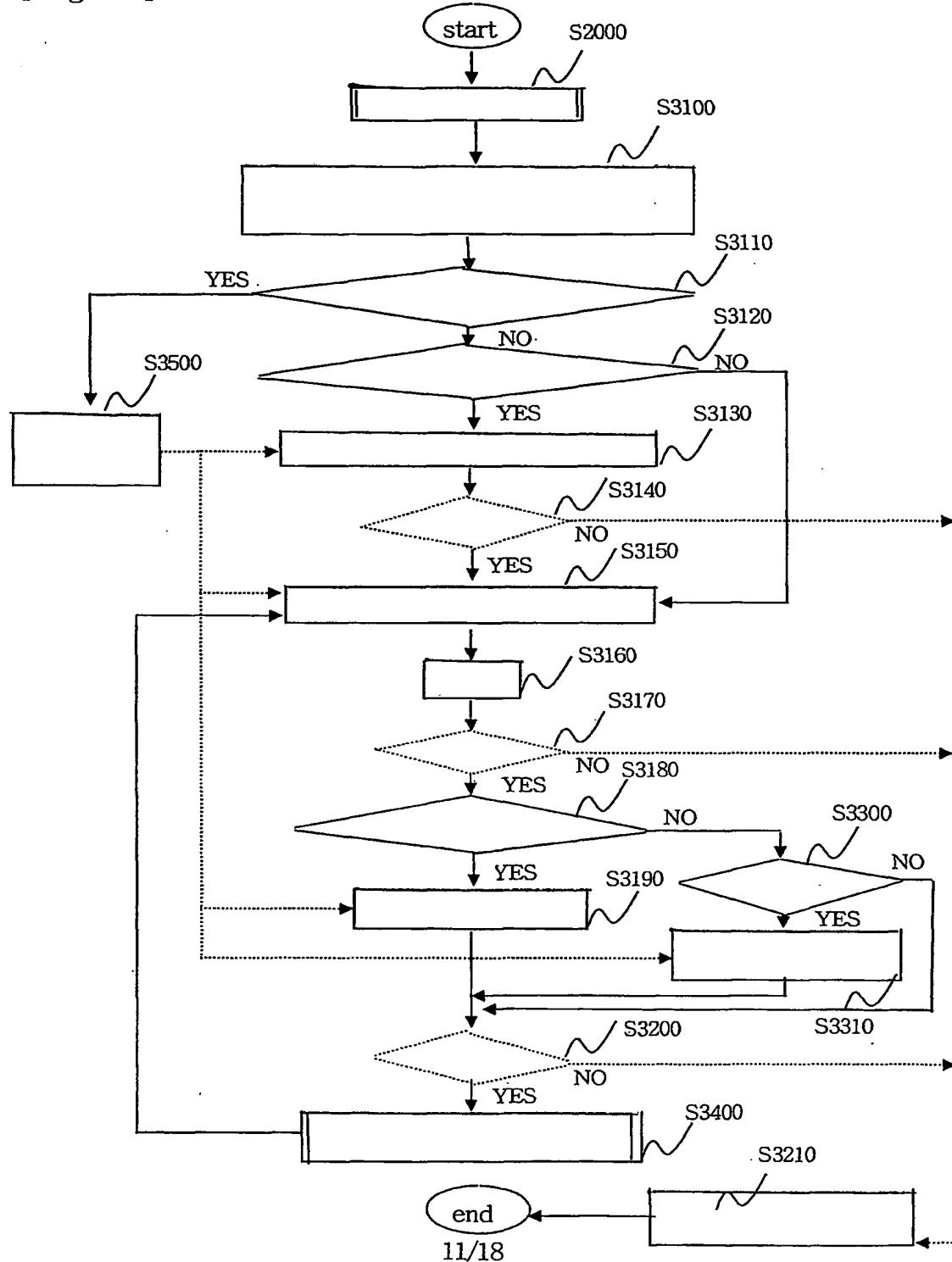
[Fig. 11-1]

1. Target : the level of questions	<input type="checkbox"/> ①	<input type="checkbox"/> ②	<input type="checkbox"/> ③	<input checked="" type="checkbox"/> ④	<input type="checkbox"/> ⑤						
score	70%	80%	90%	97%							
2. Range	8th grade	▽	S. S.	▽	history	▽	Shin-la	▽	No	▽	
3. Starting point : conceptual contents	▽	level	<input type="checkbox"/> ①	<input checked="" type="checkbox"/> ②	<input type="checkbox"/> ③						
4. The order for studying											
conceptual contents	25 files	time	72min	starting level	<input checked="" type="checkbox"/> ②						
questions	60 files	▽	time	75min	starting level	<input type="checkbox"/> ②	▽				
Q. explanation	studying about only slipping Qs <input checked="" type="checkbox"/> studying about slipping Qs + nominated Qs <input type="checkbox"/>										
5. The settlement of the level of Qs linked with the conceptual content for next step											
correct Ans.	→	2 level-up	▽	→	1 level-up	▽	→	1 level-up	▽	→	graduation
slipping Qs	→	same level	▽	→	1 level-down	▽					
6. The settlement of the No. of Qs linked with the conceptual content for next step											
correct Ans.	→	same No.	▽	→	- 1	▽					
slipping Qs	→	same No.	▽	→	+ 2	▽					
7. The attainment of a learner's goal linked with a conceptual content											
If the learner solves 3 Qs of level 4 linked with a conceptual content in a row, the conceptual content shall be graduated from conceptual contents for studying											
level 4	▽	,	3 Qs in a row	▽							

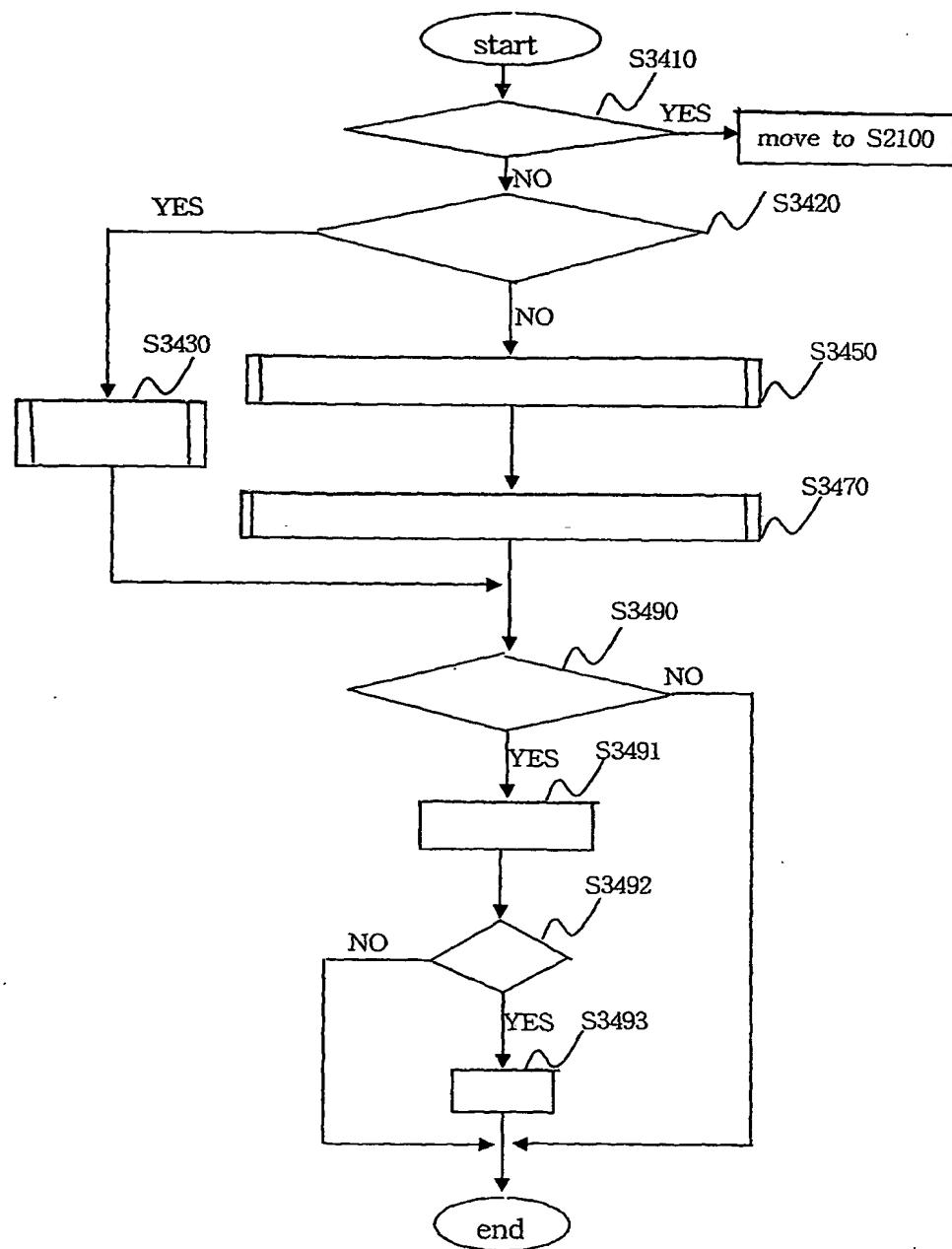
[Fig. 12]



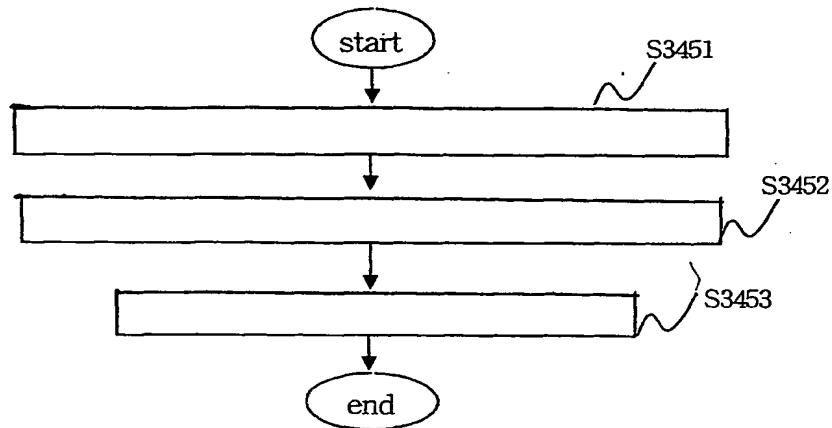
[Fig. 13]



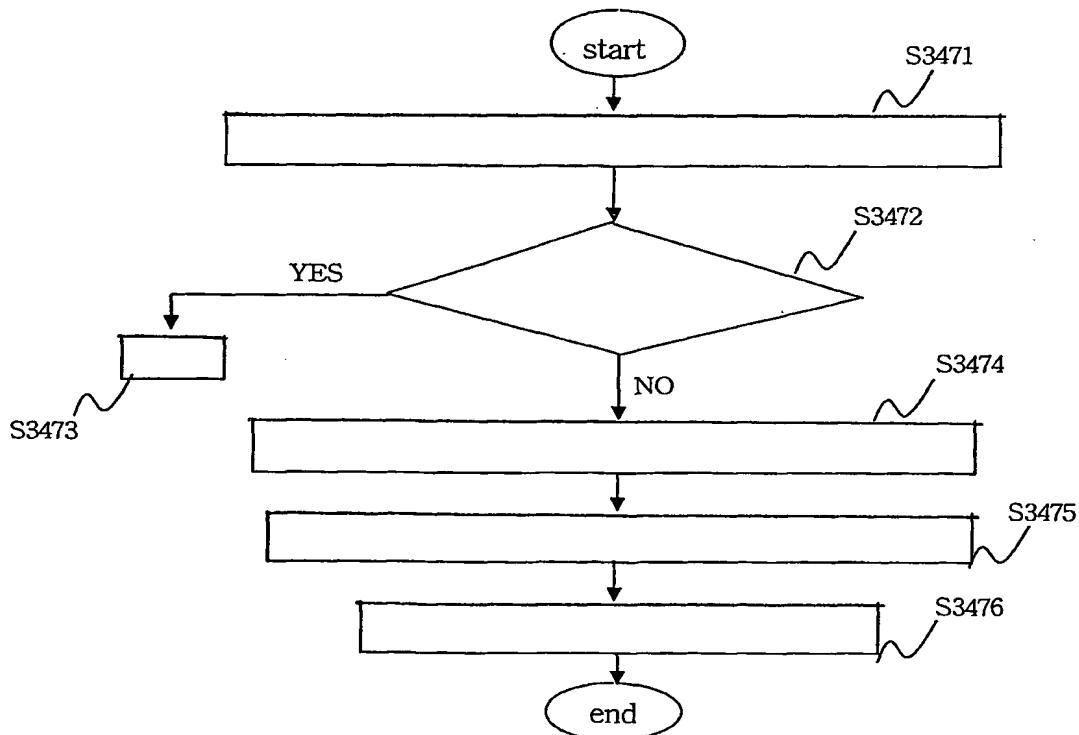
【 Fig. 14 】



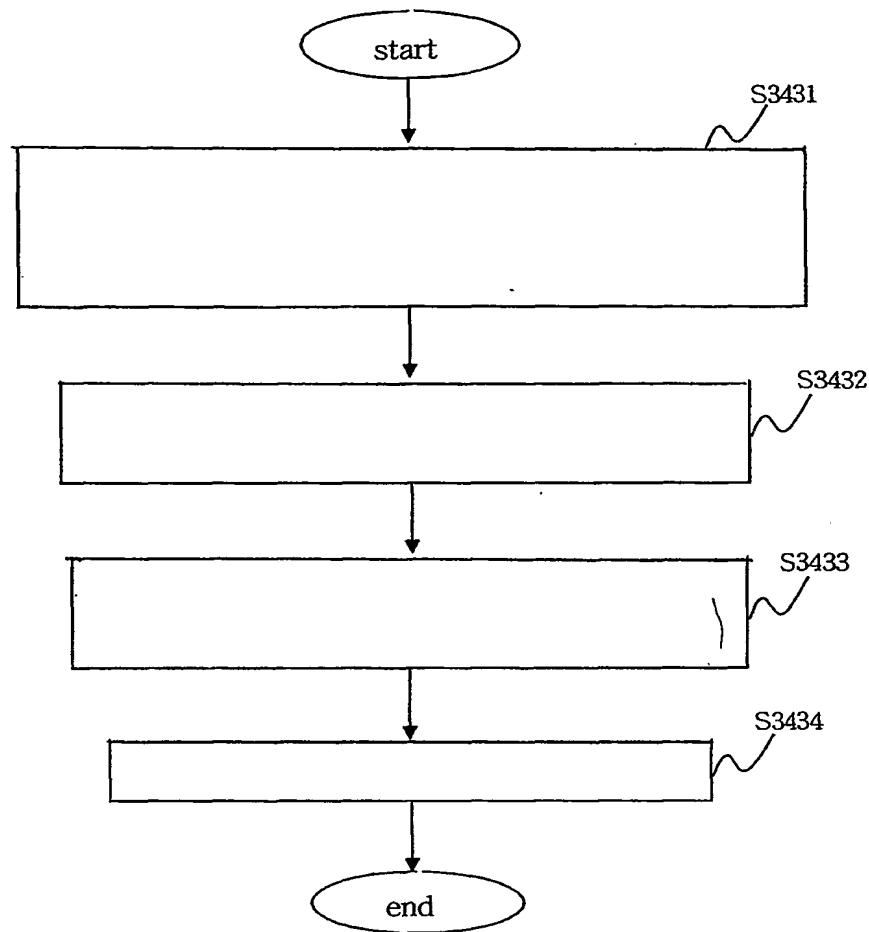
【 Fig. 15 】



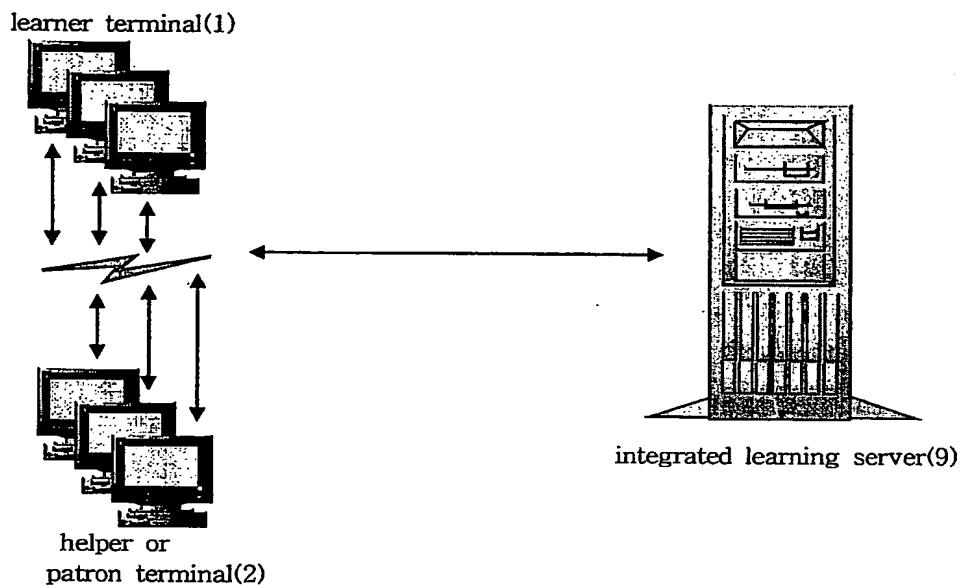
【 Fig. 16 】

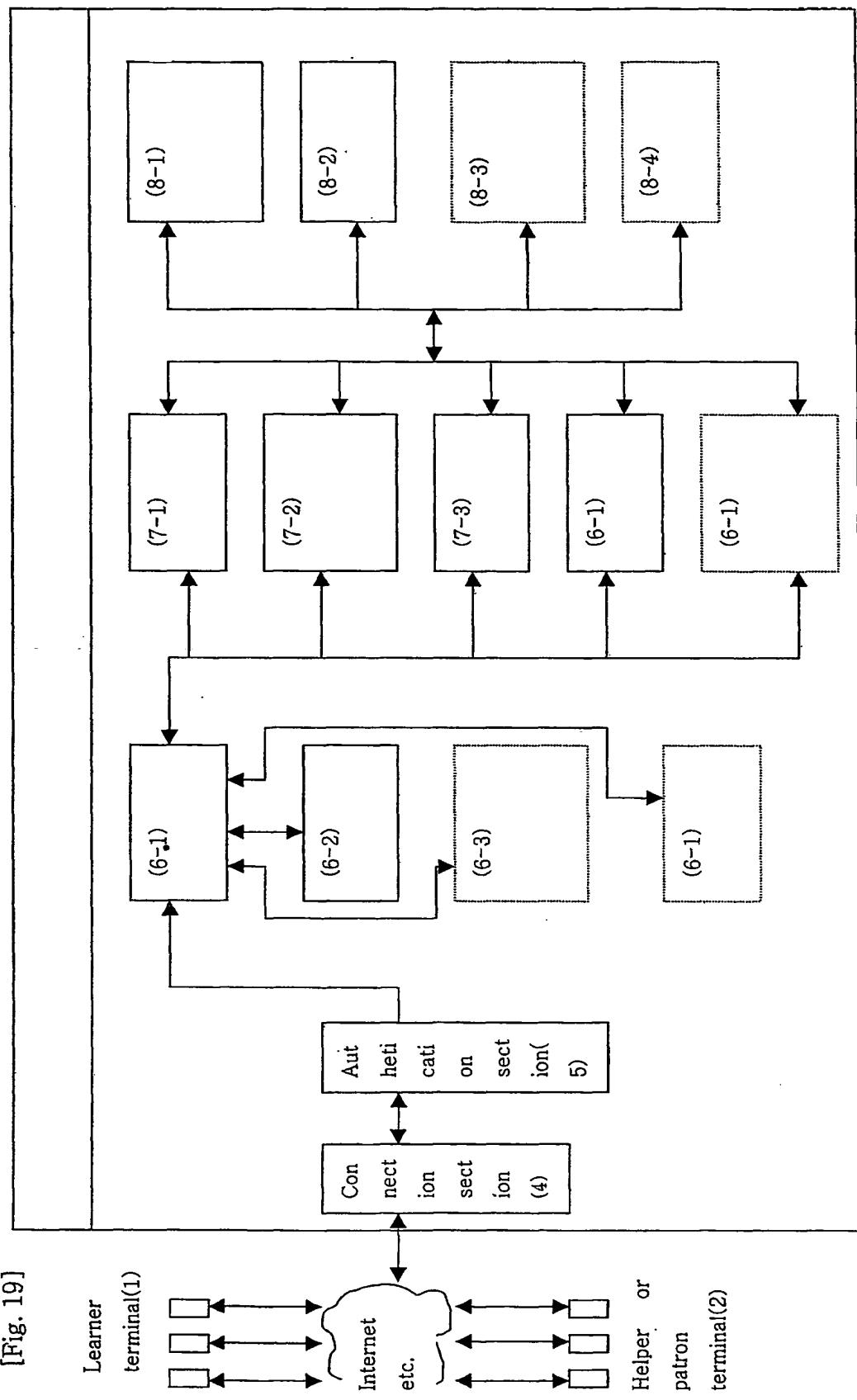


【 Fig. 17 】



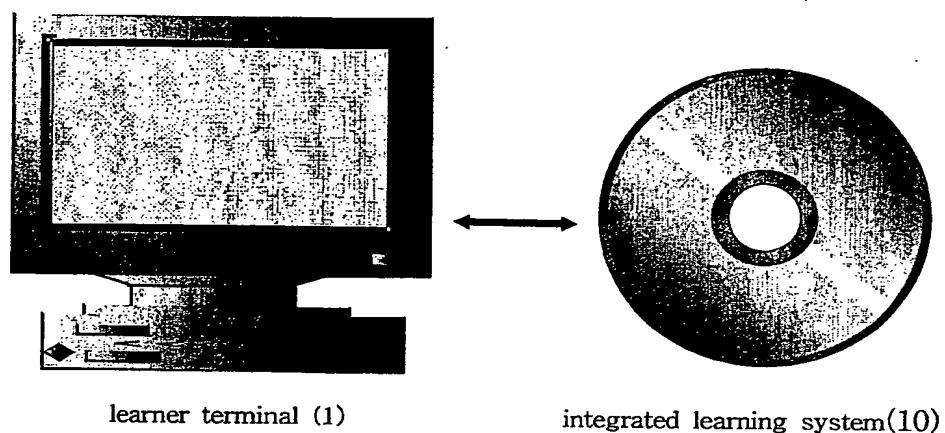
[Fig. 18]

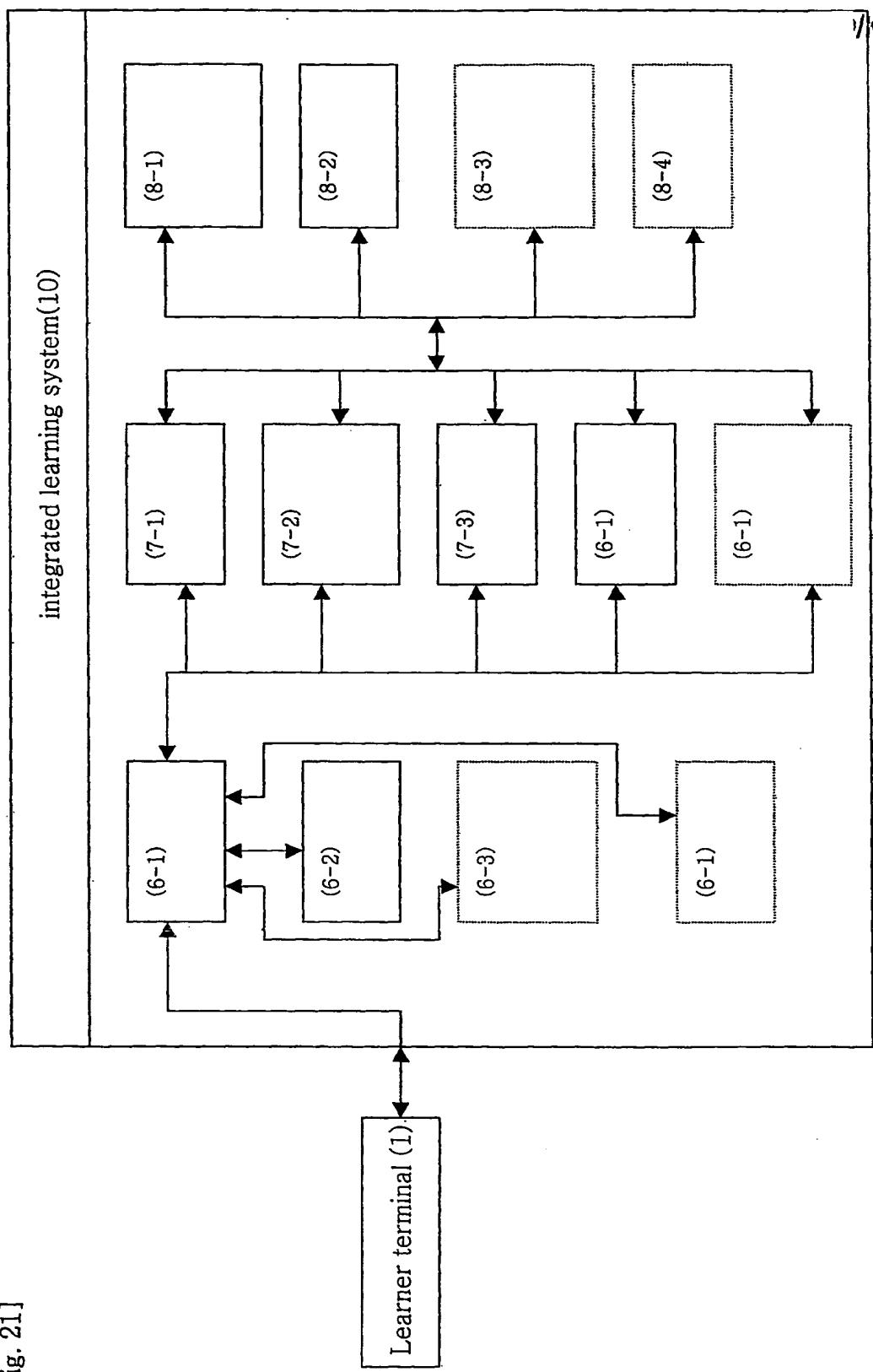




[Fig. 19]

[Fig. 20]





[Fig. 21]

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